

Title (en)  
Goal-based control of lighting

Title (de)  
Zielbasierte Beleuchtungssteuerung

Title (fr)  
Contrôle d'éclairage en fonction de l'objectif

Publication  
**EP 2398301 A1 20111221 (EN)**

Application  
**EP 11004454 A 20110531**

Priority  
US 81588610 A 20100615

Abstract (en)  
A goal-based control system may be provided that controls lighting based on high-level management goals for the operation of a lighting system. The system may include a lighting system model. The system may convert the high-level management goals into low-level device control parameters that include a power level for each respective one of the light fixtures, where the system determines that a modeled operation of each respective one of the light fixtures at the power level meets the management goals based on the lighting system model. The system may cause each respective one of the light fixtures to operate at the power level. The system may determine a likelihood of satisfying the management goals.

IPC 8 full level  
**H05B 37/02** (2006.01)

CPC (source: EP US)  
**H05B 47/10** (2020.01 - EP US); **H05B 47/105** (2020.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2398301 A1 20111221**; CN 102291886 A 20111221; CN 102291886 B 20160210; US 2011307112 A1 20111215; US 8706310 B2 20140422

DOCDB simple family (application)  
**EP 11004454 A 20110531**; CN 201110166268 A 20110614; US 81588610 A 20100615